

Title (en)

Method for producing a measurement probe path on a numerically controlled machine tool

Title (de)

Verfahren zum generieren des Verfahrensweges eines Messfühlers einer numerisch gesteuerten Werkzeugmaschine

Title (fr)

Procédé de génération du trajet de mesure d'une sonde dans une machine-outil commandée par ordinateur numérique

Publication

EP 2270615 A1 20110105 (EN)

Application

EP 10011920 A 20040213

Priority

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- GB 0303270 A 20030213

Abstract (en)

A method for producing a measurement probe 30 inspection path on a machine tool is disclosed which includes the step of running a program e.g. a modified CAM editor program 44 which allows the selection of geometric features of a workpiece 34 to be inspected. Once selected the program will generate a measurement probe path which is included in software for loading into the numeric controller (NC) of the machine tool. The software can have cutting commands together with inspection path instructions either readable by the NC or written as unreadable instructions for use with a p.c. 20 connected to the NC controller and preferably operating at the same time as the NC.

IPC 8 full level

G05B 19/401 (2006.01); **G05B 19/4093** (2006.01); **G05B 19/4097** (2006.01)

IPC 8 main group level

G05B (2006.01)

CPC (source: EP US)

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Citation (applicant)

GB 0203312 W 20020719

Citation (search report)

- [XYI] EP 0431572 A2 19910612 - MITSUBISHI ELECTRIC CORP [JP], et al
- [IY] EP 1146407 A1 20011017 - MITUTOYO CORP [JP], et al
- [II] GB 2187308 A 19870903 - MITSUBISHI ELECTRIC CORP
- [Y] US 4797811 A 19890110 - KIYOKAWA MORIO [JP], et al

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EP3101380A1; US10274297B2

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DOCDB simple family (publication)

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